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INTELLIGENCE MEMORANDUM

Control No. 0652/67

SUBJECT: Damage of Civilian Struc- Date: 31 May 1967

tures and Civilian Casualties in the HanoiHaiphong Area 10 April
to 22 May 1967.

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### MERCHANT CHIPPING TO HORTH VIETNAM, 1964

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An analysis of foreign-flag zerobent shipping to North Vietnam fevents that at least 580 calls were made by foreign-flag ships at North Vietnamese ports in 1964. A detailed breakdown, by flag, of ship calls at North Vietnamese ports is shown in Table 1.

Ships flying Free World flags accounted for almost 70 percent of the calls observed in 1964. The lion's share of these calls was accounted for by British-flag shipping, which with 177 calls matched almost equally the 173 calls made by ships flying Communist flags. Other Free World flags in the Marth Vietnamese trade included Japan with 74 arrivals, Norway with 43, and Greece with 35. These four flags accounted for 62 percent of Free World calls and about 57 percent of the total of ship calls observed during the year.

Chinese Communist-flag shipping with 72 calls during the year accounted for 40 percent of the total calls made by ships from Communist countries.

The other major Communist-flag ships in the trade were the USCR and Poland, each with 46 arrivals.

A precise division of ship calls by port of arrival cannot be made at this time. With the information available we do estimate, however, that at least \$25 of the 580 calls were made at the port of Haiphong. The remaining calls were made almost wholly at the coal experting ports of Campha and Housey. An undetermined number of ships did of course call at more than one port, usually offloading at Haiphong, then proceeding to one of the coal experting ports. A breakdown by flag of the estimated calls at Haiphong is shown in Table 2.

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Over 62 percent of the Free World ships called at Emighons as their first port of call. Bloc ships, on the other hand, almost invariably made Emighene their first port of call, some 17h of 178, or 97 percent of Bloc calls being made at Emighons.

quantitative data on the cargoes moving in and out of North Vietnam is incomplete. Estimates of seaborns exports and imports based on reasonably firm though incomplete data are presented in Tables 3 and 4.

We estimate that a minimum of 1.4 million tons of export cargoes moved out of North Vietnam by sea in 1964. Over 60 percent of the estimated exports is accounted for by coal moving out of the ports of Campha and Hungay. The other major identifiable exports were spatite and cement, usually exported from the port of Emiphons. Free World shipping dominates the seaborne export trade of North Vietnam, carrying about 1.2 of the 1.4 million tons exported during the year. Soviet-flag ships carried about 125,000 tons of export cargoes while Satellite-flag shipping carried only 83,000 tons. It is not possible at this time to make a meaningful estimate of the export cargoes carried by Chinese-flag shipping.

Our estimates of seaborne import cargoes in 1964 show a minimum of identifiable imports of 633,000 tons. Imports of maize, grains and bulk foodstuffs accounted for 26 percent of total imports, exceeding only slightly the volume of imports of fertilizers. The other major commodity import was petroleum which amounted to 142,000 tons or more than 22 percent of total imports.



The carriage of seaborns imports was more overly distributed than the carriage of seaborns exports. Vescels flying Free Warld flags accounted for 44 percent of estimated seaborns imports compared to 42 percent for Soviet-flag vessels, however, did dominate the Petroloum trade, accounting for 73 percent of total potroleum imports. The small share--10 percent--of imports carried by Satellite-flag vessels reflects the large number of Polish-flag vessels calling at Haiphong as part of the Polish liner services to Far Eastern ports.



Table '

#### Foreign Flag Ship Calls at North Vietnem

#### 1964

		<u></u>
		-
Free World		
A SOCIAL STATE OF THE SECOND STATE OF THE SECO		
Denmark		4
Finland		-51
rance		
reco		35 1 11
Indonesia		7
Italy		17
Japan		74
ebanon		20
iboria	34.	7
lotherlands		8
lorusy		4.43
onema.		12
weden		12 3
Inited Kingdom		777
lest Germany	6.0	8
<del>-</del>		
iser Subt	2581	402
13.310		43
huropenn Satellites		
		·
ulgaria		. 2
zechoslovalcia		777 1 48 58
last Cormany		7
oland		43
Subt	otal A	58
ommunist China		•
OMERICALIST OFFICE		72
TV.	etel.	580
		-

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Table 2

Estimated Ship Calls at Halphong by Flag, 1964

77.55		Merchan of Cal	<u> </u>
Econ Virid			
Zamman's		2	6,322
Finlerd			5,661 2,873
Franca		27	197,426
Greece Italy		3	14,351
Jonea		30	75,57%
Lobanoa		12	65,590
"Notherlands		10	21,055
Horway		33	94,623
Panana Control		112	34,243 13,833
Sunden Vaited King	des	116	312,297
Wost Corner			17,425
Subtot	<b>.1</b>	251	872,454
U50K		40	359,469
Himovapa St	tallitas		
Czechoalova	of an		45,493
East Comm	1.		9,632
Palend		4	<u> 230.222</u>
Bubto	ial	56	385,350
Communist (	hina	_72	227.214
Total		425	1,644,517



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. Table 3

# SEABORNE EXPORTS CARRIED BY FOREIGN FLAG VESSELS, NORTH VIETNAM, 1964

			Metric T		
	1.9%	Flåg			
Commodity	Free World	Soviet Satellite	Chinese	<u> Total</u>	
Apatite a/	219,700	33,600 34,000	·	287,300	
Cement a/	77,000	43,700 8,300		129,000	
Coal b/	825,400	6,600 10,200	· · · · · · · · · · · · · · · · · · ·	842,200	
Miscellaneous $\underline{\alpha}/$	63;500	40,700 30,700	1 de maria	134,900	
Totals	1.,185,600	124,600 83,200		1,393,400	

a. Almost exclusively out of Haiphong.



b. Gut of the ports of Camples and Hangay.

Table 4

				Matric Ton	3
	Fler				
Commodity	Free World	Soviet	Satellito	Chicom	Total
Maize, Grains & Bulk Foodstuffs	123,000	ir .	19,000	20,000	162,000
Ammonium Sulfato & Other Fertilizers	52,000	91,000	14,000		157,000
Timbor	11,000	10	2,000	-	13,000
POL	31,000	109,000	2,000	. 4000	142,600
Miscellancous	66,000	66,000	24,000	3,000	159,000
	283,		(* 000	22.000	622 000

Reported Seaborne Imports for North Vietnem. 1964

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